



PERSONAL INFORMATION

Ožbolt Menegatti

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 www.ozbo.lt

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Gender Male | Date of birth 3 November 1991 | Nationality Slovenian

JOB APPLIED FOR Programmer

WORK EXPERIENCE

August 2015 – now Software Programmer

Guardiaris d.o.o.

Podjunska ulica 13, 1000 Ljubljana (Slovenia)

- maintenance of legacy C++ air traffic radar view system Albatross for Slovenian's air traffic control (KZPS)
- research and development of camera pose estimation system based on Perspective-N-Points problem on top of Raspberry Pi computing platform
- development of human skeleton detection system using convolutional neural networks
- development of embedded neural network library, camera calibration application, C++ ASN1c wrapper and other automation tools

February 2012 – January 2013 Instructor

Go Instructions

Jadranska 27, 2000 Maribor (Slovenia)

Instructor for high school and faculty students. Instructing programming languages and other computer knowledge, basics of electrical engineering, math and physics.

EDUCATION AND TRAINING

2010 – 2015 Bachelor of Science in Electrical Engineering

Faculty of electrical engineering, University of Ljubljana, Slovenia

completed over 90 % of exams with an average grade of 9.8/10, did not finish the program

2012 – 2014 Bachelor of Science in Computer Science

Faculty of Computer and Information Science, University of Ljubljana, Slovenia

completed with an average grade of 8.9/10

2015 – 2017 Master of Science in Computer Science

Faculty of Computer and Information Science, University of Ljubljana, Slovenia

completed 100 % of exams with an average grade of 9.0/10, did not finish the program

PERSONAL SKILLS

Mother tongue Slovenian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference (CEF) level

Communication skills and competences

- team work: I have successfully worked in a team of programmers, electrical and mechanical engineers to deliver a finished product
- teaching skills: I work with colleagues and students as an instructor and a mentor
- organizational skills: enrolled in multiple sporting groups and events, mostly running and football

Programming skills

- dynamic languages: Python3, Octave/Matlab, Lua, Bash, also some knowledge of Javascript, CoffeeScript, Elm, Racket and Julia
- static languages: C++, Rust, C, also some knowledge of Java, D and Go
- other languages: knowledge of VHDL, SQL and Prolog
- computer vision library OpenCV, use of image processing, camera calibration and 3D reconstruction, pose estimation etc.
- machine learning using sklearn for different clustering, regression and classification algorithms and pytorch for deep learning
- Qt, PyQt, Fltk and Html/CSS for graphical interfaces
- GNU, LLVM and Cargo build toolchains
- Cython, Pypy and Pybind11 for Python performance improvements
- Development of stm32 arm embedded devices based on FreeRTOS
- Attended a Cryptography 1 class on [coursera.org](https://www.coursera.org)

Other Computer skills

- competent with \LaTeX and LibreOffice office programs
- experience with Gimp (image editing), Kdenlive (video editing) and FFmpeg (video and audio capture and conversions)
- experience with KiCAD electronics design software
- experience with Linux OS (exclusively since '08)

Other skills

Enjoy all sports particularly running, bicycling, swimming, football and basketball. Also a guitar player, a bad chess player and even worse video creator.

Driving licence AM, B1, B, G